

ATTACHMENT 1

KIBOSH (LVNLDS) RFI **Additional Information** **(Desired KIBOSH LVNLDS)**

PREFERRED KEY FEATURES

Desired Target Sets

Primary

- Vehicle Roof (sheet metal with headliner)
- Boat Roof (3/4" glass reinforced fiberglass with foam core)
- Door (Steel door with foam core)

Secondary

- Window (Windshield)
- Wall (3/4" wood or particle board)

Desired Range

Primary

- Over 150 feet

Secondary

- Over 300 feet

PREFERRED PERFORMANCE CHARACTERISTICS

Desired Performance

- Round expected to be shot at targets at 60-90 degrees.
- Puncture target material (but not go all the way through) and dispense greater than 90% of the liquid or gas payload inside target.
- Provide visual confirmation of where round hit target (day and night).
- Payload to stay attached to target after hitting target so that payload will remain on target (such as glue, hooks, spikes).
- Provide for antenna release/deployment after impact for payloads with transmitters/receivers.
- Allow for visual/IR LED/acoustic beacon clearance after impact with these payloads.
- Allow for deployment of flash bang type material.

Interoperability:

- Must be able to be loaded and fired out of a Low Velocity 40mm Grenade Launcher (M203, M320, MK13 EGLM, MK14 MILKOR, M32A1).

PREFERRED PHYSICAL CHARACTERISTICS

Size: Must be able to be loaded and fired out of a Low Velocity 40mm Grenade Launcher (M203, M320, MK13 EGLM, MK14 MILKOR, M32A1) As small as possible

Weight: As light as possible- Needs to delivery payloads the size, weight, and shape of a

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Crossman 12 gram CO2 canister.

Power: None

Immersion: 6 feet of water, 2 hours

Altitude, operating: At least 15,000 feet

Temperature, operating: -20⁰ C to +70⁰ C ambient

Humidity: Mil-STD 507.4

Sand & Dust Resistant

Shock: 1 Meter Drop

Salt Fog: 5%± 1% Salt Fog per Mil-STD 810

Fungus: Non-nutritive, fungus resistant materials